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Detection of Moisture and Moisture Related
Phenomena from Skylab

Joe R. Eagleman
Principal Investigator

Monthly Progress Report, Sept. 1973

Atmospheric Science Laboratory
Center for Research, Inc.
University of Kansas

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Ground truth data collection was completed for site I46326 in Texas for the Skylab 3 EREP pass on September 13, 1973. Five hundred forty-six soil moisture samples were collected and analyzed for moisture content in addition to the vegetation survey on the site. Three hundred and fifty four soil moisture samples were also collected on site I46327 in Kansas on the 13th of September. These have also been analyzed and punched on cards for computer displays. The same ground truth data will apply to the side-looking SI93 data taken on Sept. 14th of the same area from Skylab tract 1. Ground truth data were also collected on September 18 on site I46327 in Kansas.

We are continuing the analysis of ground truth data from Skylab 2 taken on June 5, 1973 for site I46326 in Texas. We have now received the SI90A, SI90B, SI92 and SI94 data for this pass and plan a more detailed reporting of initial investigations in October. We are still anticipating receipt of the SI93 data for this site.